SHEET INDEX TITLE SHEET GRADING, SEDIMENT AND EROSION CONTROL PLAN GRADING, SEDIMENT AND EROSION CONTROL PLAN SEDIMENT AND EROSION CONTROL NOTES, DETAILS AND BORINGS 5 STORM DRAIN DRAINAGE AREA MAP AND PROFILES LANDSCAPE PLAN SWM DETAILS - FACILITY #1 FOREST CONSERVATION PLAN PERCOLATION CERTIFICATION PLAN

GENERAL NOTES

- 1.) THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.
- 2.) THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH 2-FOOT CONTOUR INTERVALS PREPARED BY BENCHMARK ENGINEERING INC. ON OR ABOUT NOVEMBER 2003.
- 3.) THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 21BA AND 21CB WERE USED FOR THIS PROJECT.
- 5.) SEWER IS PRIVATE FOR LOT 2 AND BUILDABLE PRESERVATION PARCEL 'C'. SEWER FOR LOTS 1 AND 3 THROUGH 5 WILL BE A PUBLIC SHARED SEPTIC IN NON-BUILDABLE PRESERVATION PARCEL 'A' WITH PRIVATELY OWNED PRETREATMENT TANKS.
- 6.) STORMWATER MANAGEMENT SHALL BE PROVIDED BY AN EXTENDED DETENTION POND WITH MICRO-POOL AND A GRASSED SWALE. THE FACILITIES SHALL BE JOINTLY MAINTAINED BY THE HOMEOWNERS ASSOCIATION AND HOWARD COUNTY AND LOCATED WITHIN NON-BUILDABLE PRESERVATION PARCEL 'B'.
- 7.) EXISTING UTILITIES ARE BASED UPON FIELD SURVEY LOCATIONS.
- 8.) THERE IS NO FLOODPLAIN ON THIS SITE.
- 9.) THE WETLANDS DELINEATION FOR THIS PROJECT WAS PREPARED BY ECO-SCIENCE PROFESSIONALS INC. IN JANUARY 2004.
- 10.) A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- 11.) THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS CARNES ENGINEERING ASSOCIATES, INC. DATED SEPTEMBER 27, 2004. ADDITIONAL BORINGS B-7 AND B-8 WERE CONDUCTED ON JANUARY 10, 2007
- 12.) THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 2-2-04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE AMENDMENT EFFECTIVE 7-28-2006. ALL ADJACENT PROPERTIES ARE ZONED RR-DEO.
- 13.) TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO BURIAL GROUNDS OR CEMETERIES LOCATED ON THIS SITE.
- 14.) NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAM(S) OR THEIR REQUIRED BUFFERS, FLOODPLAINS OR FOREST CONSERVATION EASEMENT AREAS. 15.) BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED DURING NOVEMBER, 2003 BY BENCHMARK
- 16.) FOREST STAND DELINEATION WAS PREPARED BY ECO-SCIENCE PROFESSIONALS IN SEPTEMBER, 2004.
- 17.) THIS PROJECT IS NOT LOCATED WITHIN THE METROPOLITAN DISTRICT.
- 18.) THIS PROJECT IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE BUILDING OR GRADING PERMIT APPLICATION.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY
- 20.) THE PURPOSE OF THE PRESERVATION PARCELS IS AS FOLLOWS:

- PRESERVATION PARCEL 'A' IS PROPOSED AS A NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO THE COMMUNITY SEPTIC AREA AND ACCESS AND UTILITY EASEMENTS. IT WILL BE OWNED BY HOWARD COUNTY, IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE
- PRESERVATION PARCEL 'B' IS PROPOSED AS NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAIN UTILITY EASEMENTS AND STORM WATER MANAGEMENT. IT WILL BE OWNED BY THE HOMEOWNERS ASSOCIATION. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINE THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.
- COUNTY AND THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY PRESERVATION PARCEL 'E' IS PROPOSED AS NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAINS, DRAINAGE EASEMENTS, UTILITY EASEMENTS AND FOREST CONSERVATION EASEMENTS. IT WILL BE PRIVATELY OWNED. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY AND THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES

- THE USES PERMITTED ON THE PROPERTY. PRESERVATION PARCEL 'F' IS PROPOSED AS NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAINS, DRAINAGE EASEMENTS, UTILITY EASEMENTS AND FOREST CONSERVATION EASEMENTS. IT WILL BE PRIVATELY - -OWNED. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY AND THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS
- NON BUILDABLE BULK PARCEL 'D' HAS BEEN CREATED IN ORDER TO ALLOW FOR THE POTENTIAL FUTURE RE-ALIGNMENT OF BURNTWOODS ROAD. AS AN ALTERNATIVE THIS PARCEL MAY BE SUBDIVIDED IN THE FUTURE TO POTENTIALLY YIELD TWO BUILDABLE LOTS. IF THIS AREA IS UTILIZED FOR BUILDABLE LOTS, DENSITY WOULD BE REQUIRED TO SUPPORT THE NEW LOTS.
- 21.) FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1202 OF THE FOREST CONSERVATION MANUAL OF 2.76 ACRES OF REQUIRED AFFORESTATION SHALL BE FULLFILLED BY THE PLACEMENT OF 1.57 ACRES OF PLANTINGS INTO EASEMENT AREAS AND THE PAYMENT OF A FEE-IN-LIEU FOR THE REMAINDER OF 1.19 ACRES OF \$38,877.30 (51,836.40 x \$0.75) TO THE FOREST CONSERVATION FUND. SURETY FOR 1.57 ACRES OF AFFORESTATION (68,389.20 SQ.FT. x \$0.50) IN THE AMOUNT OF \$34.194.60 SHALL BE POSTED WITH THE DEVELOPER'S AGREEMENT UNDER THIS FINAL PLAN, F-07-121. THE AREA OF THE FUTURE ROW OF BURNTWOODS ROAD (NON-BUILDABLE BULK PARCEL D) OF 3.28 ACRES HAS BEEN DEDUCTED FROM FC OBLIGATIONS IN ACCORDANCE WITH THE DECISION OF WP-07-106. FOREST CONSERVATION OBLIGATIONS ON THIS AREA WILL BE FULFILLED AT THE
- 22.) PERIMETER AND STORM WATER MANAGEMENT LANDSCAPING SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL AS SHOWN ON THE LANDSCAPE PLAN SHEET OF THE ROAD CONSTRUCTION DRAWINGS FOR THIS PROJECT. SURETY IN THE AMOUNT OF \$24,000.00 SHALL BE PROVIDED WITH THE DEVELOPERS AGREEMENT UNDER THIS FINAL PLAT, F-07-121. STREET TREES FOR PUBLIC ACCESS PLACE SHALL BE PROVIDED UNDER F-07-74.
- 23.) WELLS SHALL BE PLACED AT THE FURTHEST PORTION OF THE WELL BOX. MAINTAIN 15' OF SEPARATION
- 24.) WELLS SHALL BE DRILLED BY A CERTIFIED WELL DRILLER PRIOR TO RECORD PLAT SUBMISSION FOR SIGNATURE PER HOWARD COUNTY HEALTH DEPARTMENT REQUIREMENTS. IT WILL NOT BE CONSIDERD TO BE GOVERNMENTAL DELAY IF THE WELLS ARE NOT COMPLETED PRIOR TO THE SUBMISSION'S MILESTONE DATE. PRIOR TO DRILLING OF THE WELLS FOR LOTS 3, 4 AND 5 THE WELL DRILLER SHALL CONTACT HOWARD COUNTY DEPARTMENT OF HEALTH TO SCHEDULE AN ON-SITE MEETING TO VERIFY THE LOCATION OF THE PROPOSED WELLS. WELL # 94-3266 SHALL BE ABANDONED PRIOR TO CONSTRUCTION BY A CERTIFIED WELL DRILL PER HOWARD COUNTY HEALTH DEPARTMENT REQUIREMENTS.
- 25.) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 26.) DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM
- A) WIDTH 12' (16' SERVING MORE THAN ONE RESIDENCE).
 B) SURFACE 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING.
 C) GEOMETRY MAX. 15% GRADE, MAX. 10% GRADE CHANGE & MIN. 45' TURNING RADIUS.
 D) STRUCTURES(CULVERTS/BRIDGES) CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOAD)
 E) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
- F) STRUCTURE CLEARANCES MINIMUM 12 FEET. G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.

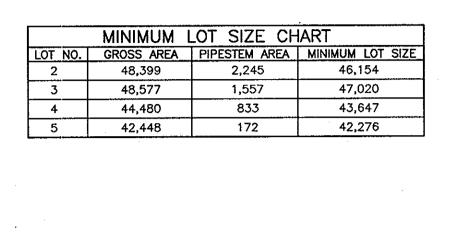
CHIEF, DEVELOPMENT ENGINEERING DIVISION

P:\1662 Neshawat\dwg\7009s1.dwg, 7/24/2007 9:39:56 AM, Oce TDS600 HDI-36-ORIG.pc3

- 27.) THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY LEE CUNNINGHAM AND ASSOC., INC..
- 28.) LOTS 1-5 WILL DERIVE ACCESS ONTO THE PUBLIC ACCESS PLACE OF THE ADJOINING MAPLEWOOD FARMS (F-07-74). 29.) THERE IS AN EXISTING RESIDENCE WHICH IS TO REMAIN LOCATED ON BUILDABLE PRESERVATION PARCEL C.
- 30.) THE SHARED SEPTIC SYSTEM IS SUBJECT TO HEALTH DEPARTMENT REQUIREMENTS AND ACCEPTANCE BY THE DEPARTMENT
- APPROVED: DEPARTMENT OF PUBLIC WORKS Willin T. Mbull APPROVED: DEPARTMENT OF PLANNING AND ZONING

NESHAWAT PROPERTY

LOTS 1-5, NON-BUILDABLE PRESERVATION PARCELS A, B, E & F, NON-BUILDABLE BULK PARCEL D AND BUILDABLE PRESERVATION PARCEL C



EXISTING CONTOURS

LIMIT OF WETLANDS

EXISTING WOODS LINE

EXISTING STRUCTURE

PROPOSED STRUCTURE

PUBLIC SEWER, WATER

AND UTILITY EASEMENT

EROSION CONTROL MATTING

SIGHT DISTANCE EASEMENT

RIP-RAP

(LOTS 2-5)

SWM FACILITY #1

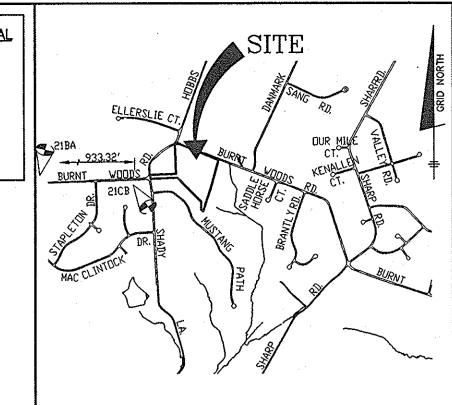
STORAGE ELEVATION

564.63 565.83 FOREST CONSERVATION EASEMENT

PROPOSED CONTOURS

LEGEND

BENCHMARKS NAD'83 HORIZONTAL HO.CO. #21CB STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE. E 1306716.629' N 588188.043' HO. CO. #21BA STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE E 1303655.353' N 588125.184'



VICINITY MAP SCALE: 1" = 2000'ADC HOWARD COUNTY MAP #9, D-6 AND D-7

SITE ANALYSIS DATA CHART

GENERAL SITE DATA

		OLITCIAL SITE DATA		
		1.) PRESENT ZONING:	RR-DEO	
	999	2.) APPLICABLE DPZ FILE REFERENCES:	SP-05-05, WP-05-136 WP-07-106	
999———————————————————————————————————		3.) PROPOSED USE OF SITE:	(SFD)	
		4.) PROPOSED WATER AND SEWER SYSTEMS:		
		AREA TABULATION		
Y	m	1.) GROSS TRACT AREA	17.07±	
	Γ	2.) AREA WITHIN 100-YEAR FLOODPLAIN	0.00 AC.±	
		3.) TOTAL AREA OF 25% OR GREATER STEEP SLOPES AREA NOT IN FLOODPLAIN (FOR NTA CALC) 4.) NET TRACT AREA		
ENT	223	5.) TOTAL NUMBER OF LOTS ALLOWED PER ZONING 1 UNIT PER 4.25 GROSS ACRES 1 UNIT PER 2 NET ACRES (MAX)	.4 8	
		6.) TOTAL NUMBER OF RESIDENTIAL UNITS/LOTS PROPOSED ON THIS SUBMISSION	.6	
		7.) AREA OF CLUSTER LOTS	4.99 AC.±	
		8.) AREA OF NON-BUILDABLE PRESERVATION PARCELS_	5.38 AC.±	
		(PARCELS A, B, E & F) 9.) AREA OF BUILDABLE PRESERVATION PARCELS	2.48 AC.±	
		10.) AREA OF NON-BUILDABLE BULK PARCELS	3.28 AC.±	
		11.) AREA OF BUILDABLE BULK PARCELS		
		12.) AREA OF ROAD RIGHT-OF-WAY	.0.94 AC.±	
		13.) OPEN SPACE ON-TOTAL SITE	N/A	

14.) AREA OF RECREATIONAL OPEN SPACE REQUIRED___N/A

OVERALL D	DENSITY EXCHANGE CHART			
GROSS AREA	17.07 AC.±			
NET TRACT AREA	17.07 AC.± (SEE AREA TABULATION THIS SHEET)			
DWELLING UNITS ALLOWED (as matter of right)	17.07 AC.± @ 1 DU per 4.25 GROSS ACRES = 4			
MAXIMUM DWELLING UNITS ALLOWED	17.07 AC.± @ 1 DU per 2.00 NET ACRES = 8			
PROPOSED DWELLING UNITS	5 + 1 EXISTING DWELLING = 6			
NUMBER OF DEO UNITS TO BE RECEIVED	6 - 4 (base density) = 2			
SENDING PARCEL INFORMATION	SUBDIVISION NAME: PARKER PROPERTY TAX MAP: 15 GRID: 10 PARCEL: 17			

SCALE:

DATE	REVIS
	BENCHMARK
• ENGIN	NEERS & LAND SURVEYORS & PLANNERS

ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE A SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 FAX: 410-465-6644

www.bei-civilengineering.com

documents were prepared or approved by me, and that I am duly licensed professional engineer under the laws of the State of Maryland, License No. 28559, Expiration Date: 7-22-2009

OWNER: GHASSANI NESHAWAT 14445 BURNTWOODS ROAD LOCATION: GLENWOOD, MD 21738-9530 DEVELOPER: BURNTWOODS, L.L.C. P.O. BOX 417 ELLICOTT CITY, MD 21041-0417 (410) 465-4244

Design: BFC | Draft: BFC | Check: DAM

PROJECT: NESHAWAT PROPERTY LOTS 1 TO 5. NON-BUILDABLE PRESERVATION PARCELS A, B, E & F, NON-BUILDABLE BULK PARCEL D AND BUILDABLE PRESERVATION PARCEL C TAX MAP 21 PARCEL 138 - GRID 5 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

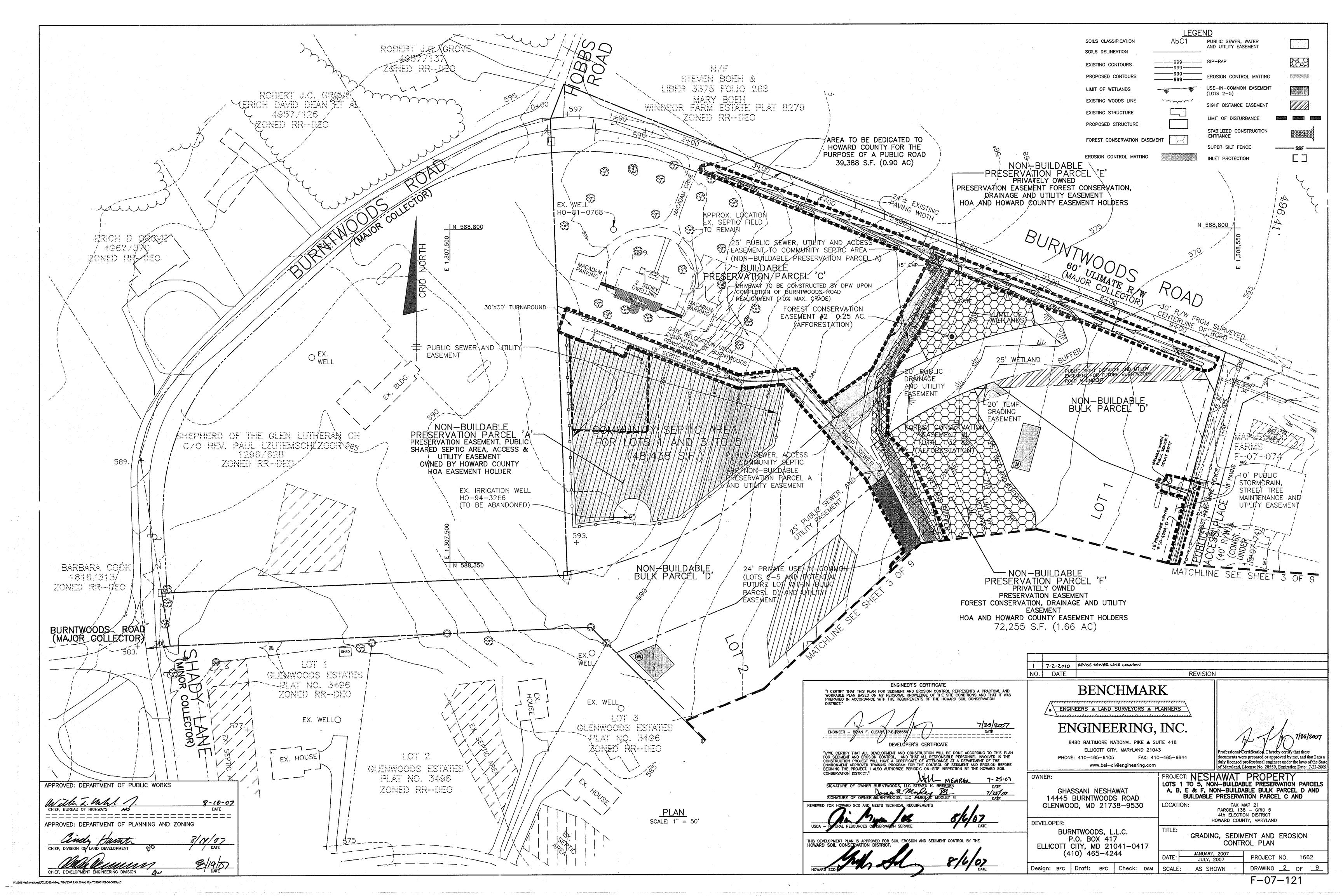
TITLE SHEET PROJECT NO. 1662

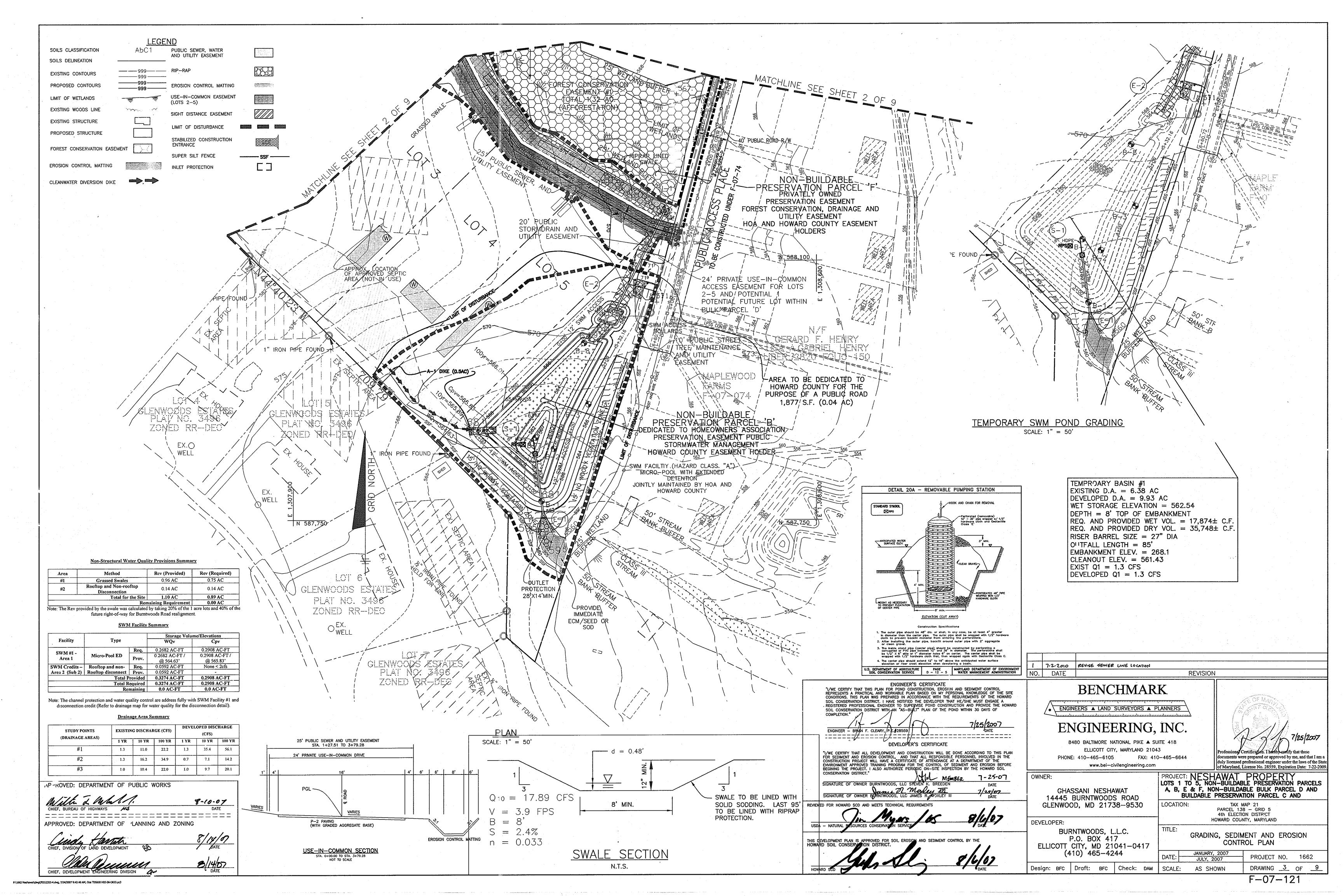
AS SHOWN

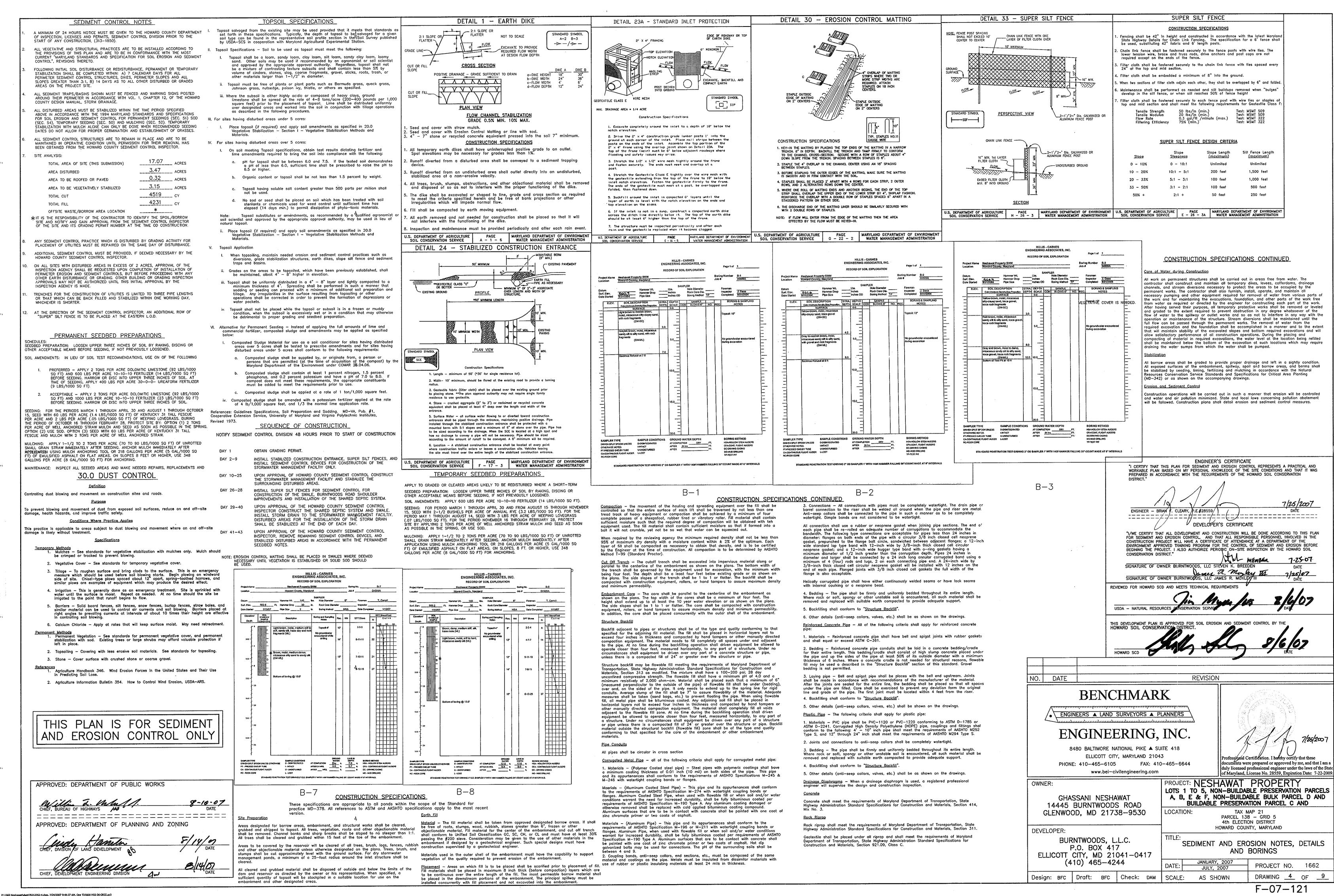
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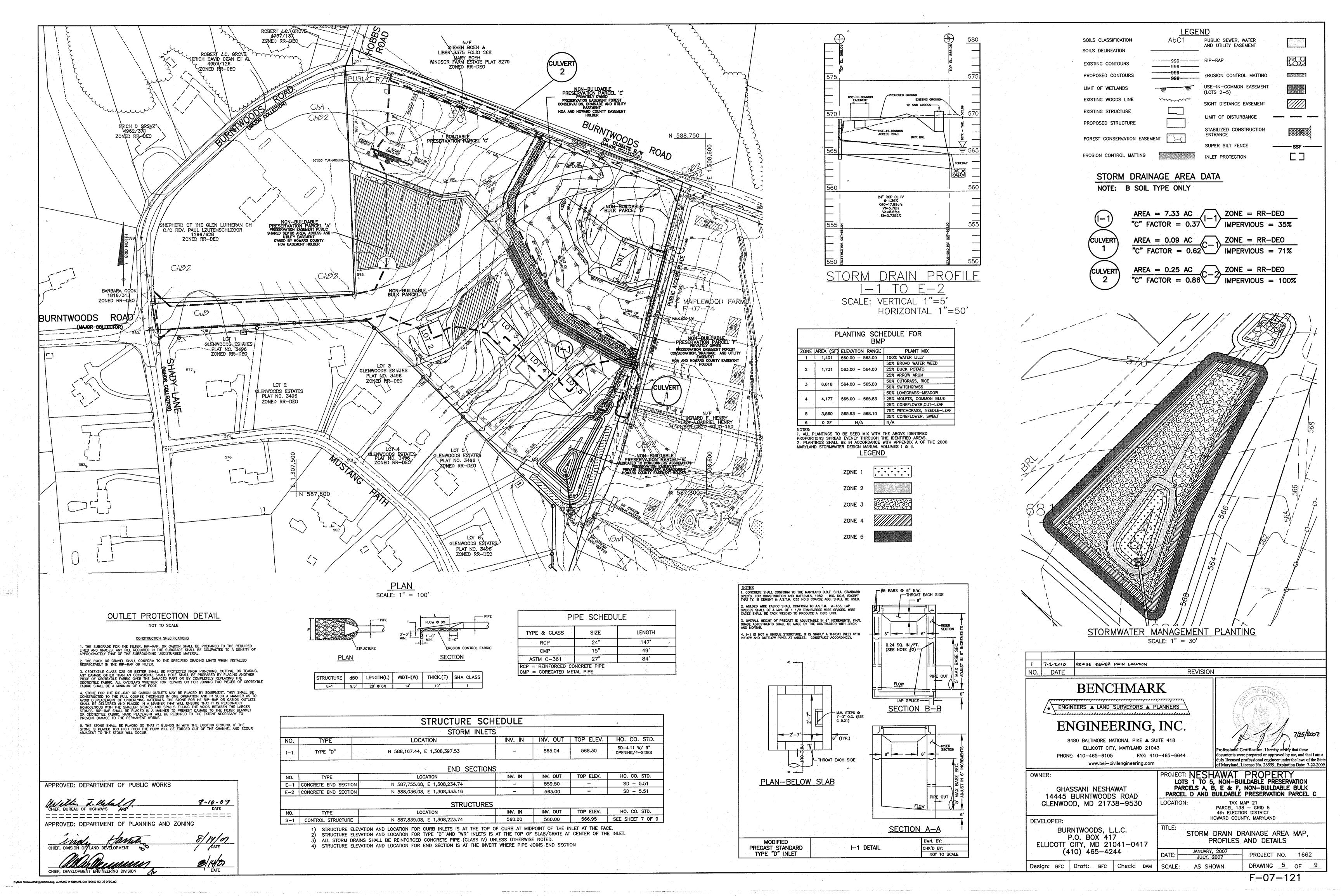
DRAWING 1 OF 9

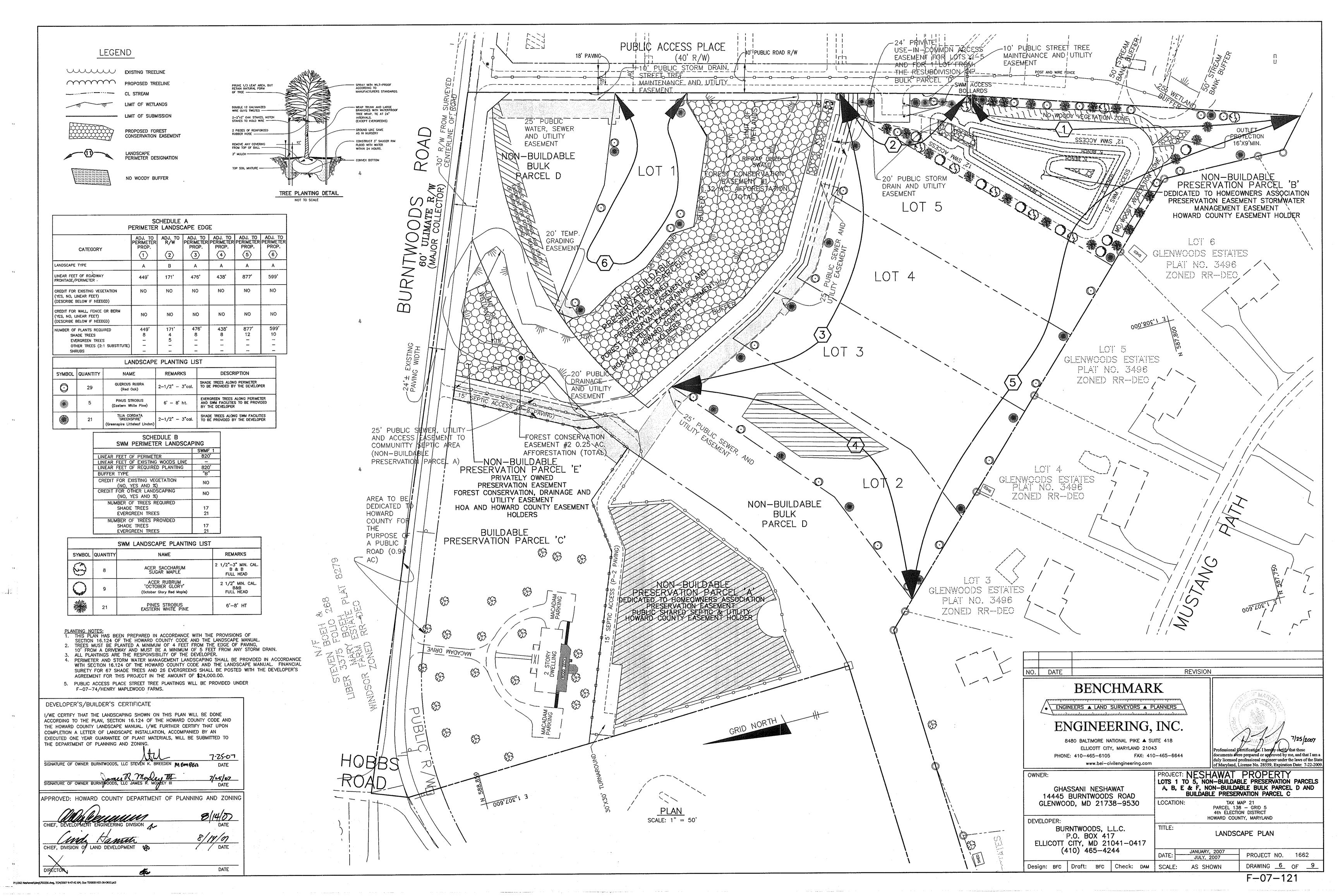
6.) STORMWATER MANAGEMENT SHALL BE PROVIDED BY AN EXTENDED DETENTION POND WITH MICRO-POOL AND A GRASSED SWALE. THE FACILITIES SHALL BE JOINTLY MAINTAINED BY THE HOMEOWNERS ASSOCIATION AND HOWARD COUNTY AND	ROBERT J.C. GROVE	TO STORY	SIEVEN BOEH & LIBER 3375 FOLIO 268		2 48,399 3 48,577
LOCATED WITHIN NON-BUILDABLE PRESERVATION PARCEL 'B'. 7.) EXISTING UTILITIES ARE BASED UPON FIELD SURVEY LOCATIONS.	ERICH DAVID DEAN ET ÂL 4957/126		MARY BOEH WINDSOR FARM ESTATE PLAT 8279		4 44,480 5 42,448
8.) THERE IS NO FLOODPLAIN ON THIS SITE.	ZONED RR-DEO		ZONED RR-DEO		5 72,770
9.) THE WETLANDS DELINEATION FOR THIS PROJECT WAS PREPARED BY ECO-SCIENCE PROFESSIONALS INC. IN JANUARY 2004.		CONCRETE MONLIMENT			
10.) A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT. 11.) THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS CARNES ENGINEERING ASSOCIATES, INC. DATED		CONCRETE MONUMENT	\$670301	AREA DEDICATED TO RIGHT-OF-WAY	
SEPTEMBER 27, 2004. ADDITIONAL BORINGS B-7 AND B-8 WERE CONDUCTED ON JANUARY 10, 2007		S ECTORY	\$ 00" <u>r</u>	OF BURNTWOODS ROAD	
12.) THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 2-2-04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE AMENDMENT EFFECTIVE 7-28-2006. ALL ADJACENT PROPERTIES ARE ZONED RR-DEO.	100	O SOL			
13.) TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO BURIAL GROUNDS OR CEMETERIES LOCATED ON THIS SITE.	ERICH D GROVE 4962/370	05.		956.85, 80WOOD N 588,75	
14.) NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAM(S) OR THEIR REQUIRED BUFFERS, FLOODPLAINS OR FOREST CONSERVATION EASEMENT AREAS.	4962/370 ZONED RR-DEO	N 588,750	BUILDABLE	N 588,75	0,0
15.) BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PERFORMED DURING NOVEMBER, 2003 BY BENCHMARK ENGINEERING INC.		05	PRESERVATION PARCEL 'C'	MAJOR COULT ROAD	0009
16.) FOREST STAND DELINEATION WAS PREPARED BY ECO-SCIENCE PROFESSIONALS IN SEPTEMBER, 2004. 17.) THIS PROJECT IS NOT LOCATED WITHIN THE METROPOLITAN DISTRICT.		7 77	ANGEL OF THE PROPERTY OF THE P	NONEBUILDABLECTORY / PRESERVATIONO	908,
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19.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE		~~`≥ (/) g \////////		NON-BUILDABLE PROPERTY OF THE	
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NOT BE NECESCARY	ARA COOK // /				
20.) THE PURPOSE OF THE PRESERVATION PARCELS IS AS FOLLOWS: PRESERVATION PARCEL 'A' IS PROPOSED AS A NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO THE	RR-DEO / SHEPHERD OF THE GLEN LUTHERAN CH				1 th
COMMUNITY SEPTIC AREA AND ACCESS AND UTILITY EASEMENTS. IT WILL BE OWNED BY HOWARD COUNTY, IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH THE HOMEOWNERS ASSOCIATION, THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE	世 / / 1296/628 ZONED RR-DEO	\ \\///////			
PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.		<u> </u>			
PRESERVATION PARCEL 'B' IS PROPOSED AS NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAINS, UTILITY EASEMENTS AND STORM WATER MANAGEMENT. IT WILL BE OWNED BY THE HOMEOWNERS ASSOCIATION. IT IS ENCUMBERED	85	;		LOT 1	/ LOT 1/ / /
BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.		CONCRETE MOUMENT W/REBAR W/REBAR FOUN HELD	TEM'III	/	L-7-1
PRESERVATION PARCEL 'C' IS PROPOSED AS BUILDABLE PRESERVATION PARCEL. ONE (1) HOUSING ALLOCATION ALLOWING ONE (1) BUILDABLE UNIT SHALL BE UTILIZED. IT WILL BE PRIVATELY OWNED. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD	CONCRETE MONUMENT FOUND WY REBER BENT NOT HELD		×0.//		
COUNTY AND THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.		543.10'			7
PRESERVATION PARCEL 'E' IS PROPOSED AS NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAINS, DRAINAGE EASEMENTS, UTILITY EASEMENTS AND FOREST CONSERVATION EASEMENTS. IT WILL BE PRIVATELY OWNED. IT IS	N87°34'56"E	NON-BUILDABLE BULK P	ARCET 'D'	PRESERVATION PARCED FT	LOT 2/
ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY AND THE HOMEOWNERS ASSOCIATION. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES	8.25 E	NON-BUILDABLE BULK F	ARTOLL	W 16888888888888888	/
THE USES PERMITTED ON THE PROPERTY. PRESERVATION PARCEL 'F' IS PROPOSED AS NON-BUILDABLE PARCEL THAT SHALL INCLUDE BUT NOT BE LIMITED TO	RNTWOODS S87°34'56"W	PIRON PIPE FOUND FOUND & HELD		OT 3	
OWNED. IT IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH HOWARD COUNTY AND THE HOMEOWNERS ASSOCIATION.	ROAD \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		LOT 2		-7
OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.	GLENWOODS ESTATES PLAT NO. 3496	GLENWOODS ESTATES 7		LOT	3/
NON BUILDABLE BULK PARCEL 'D' HAS BEEN CREATED IN ORDER TO ALLOW FOR THE POTENTIAL FUTURE RE-ALIGNMENT OF BURNTWOODS ROAD. AS AN ALTERNATIVE THIS PARCEL MAY BE SUBDIVIDED IN THE FUTURE TO POTENTIALLY YIELD TWO BUILDABLE	スクトリング ZONED RR-DEO	PLAT NO. 3496 ZONED RR-DEO			NRY PROPERIY
LOTS. IF THIS AREA IS UTILIZED FOR BUILDABLE LOTS, DENSITY WOULD BE REQUIRED TO SUPPORT THE NEW LOTS.	SE LA	\ \	OT 3 DDS ESTATES		-07-074
21.) FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1202 OF THE FOREST CONSERVATION MANUAL OF 2.76 ACRES OF REQUIRED AFFORESTATION SHALL BE FULLFILLED BY THE PLACEMENT OF 1.57 ACRES OF PLANTINGS INTO EASEMENT			NO. 3496 D RR-DEO	/ LOT E	*****
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ACCORDANCE WITH THE DECISION OF WP-07-106. FOREST CONSERVATION OBLIGATIONS ON THIS AREA WILL BE FULFILLED AT THE TIME OF ANY FUTURE SUBLIVISION OF NON-BUILDABLE BULK PARCEL D.		//:// · · · /			
		<u> </u>	1" IRON PIPE FOUND		
22.) PERIMETER AND STORM WATER MANAGEMENT LANDSCAPING SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL AS SHOWN ON THE LANDSCAPE PLAN SHEET OF THE ROAD CONSTRUCTION DRAWINGS FOR	SCALE	:: 1" = 100'		NON-BUILDIABLE	7
THIS PROJECT. SURETY IN THE AMOUNT OF \$24,000.00 SHALL BE PROVIDED WITH THE DEVELOPERS AGREEMENT UNDER THIS FINAL PLAT. F-07-121. STREET TREES FOR PUBLIC ACCESS PLACE SHALL BE PROVIDED UNDER F-07-74.			LOT 5	PARGEL 'B'	i /
23.) WELLS SHALL BE PLACED AT THE FURTHEST PORTION OF THE WELL BOX. MAINTAIN 15' OF SEPARATION FROM ROADS AND R/W.		CLEN	WOODS ESTATES GLENWOODS ESTATES AT NO. 3496 PLAT NO. 3496 PLAT NO. 3496		/ / / / /
24.) WELLS SHALL BE DRILLED BY A CERTIFIED WELL DRILLER PRIOR TO RECORD PLAT SUBMISSION FOR SIGNATURE PER HOWARD COUNTY HEALTH DEPARTMENT REQUIREMENTS. IT WILL NOT BE CONSIDERD TO BE GOVERNMENTAL DELAY IF THE WELLS ARE		7/ 20	NED RR-DEO	LOT 6	
NOT COMPLETED PRIOR TO THE SUBMISSION'S MILESTONE DATE. PRIOR TO DRILLING OF THE WELLS FOR LOTS 3, 4 AND 5 THE WELL DRILLER SHALL CONTACT HOWARD COUNTY DEPARTMENT OF HEALTH TO SCHEDULE AN ON-SITE MEETING TO VERIFY			1" IRON PIPE	FOUND	
THE LOCATION OF THE PROPOSED WELLS. WELL # 94-3266 SHALL BE ABANDONED PRIOR TO CONSTRUCTION BY A CERTIFIED WELL DRILL PER HOWARD COUNTY HEALTH DEPARTMENT REQUIREMENTS.		en e		N 587/80	20
25.) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.					
26.) DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM					
REQUIREMENTS: A) WIDTH - 12' (16' SERVING MORE THAN ONE RESIDENCE).	GENERAL NOTES	CON'T			
B) SURFACE — 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING. C) GEOMETRY — MAX. 15% GRADE, MAX. 10% GRADE CHANGE & MIN. 45' TURNING RADIUS. D) STRUCTURES(CULVERTS/BRIDGES) — CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOAD)			rol 6	A Company of the contract of t	
E) DRAINAGE ELÈMENTS — CAPABLÉ OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.	31.) WAIVER PETITION APPLICATION (WP 05-136) TO SECTION 16.120(A)(1) W DRIVEWAY IN PRESERVATION PARCEL "C" AS INDICATED IN THE LETTER DA OF PLANNING AND ZONING.	AS APPROVED FOR THE RELOCATION OF THE EXISTING ATED AUGUST 9, 2005 FROM HOWARD COUNTY DEPARTMENT	GLENWOODS ESVATES PLAT NO. 3498	The total of the t	
	32.) THE ACCESS AND ASSOCIATED EASEMENT TO THE SHARED SEPTIC SYSTEM WITHIN NON-BUILDABLE PRESERVATION PARCEL E AND NON-BUILDABLE E	A ON NON-BUILDABLE PRESERVATION PARCEL 'A' LOCATED	ZONED RR-DEO		•
27.) THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY LEE CUNNINGHAM AND ASSOC., INC DATED JUNE, 2004.	THAT THE DRIVEWAY CROSSES FROM PARCEL A INTO PARCEL C. 33.) UPON COMPLETION OF THE REALIGNMENT OF BURNTWOODS ROAD IT SHAI	LL BE HOWARD COUNTY'S RESPONSIBILITY TO REVISE ASSOCIA	TED DRAWINGS		
28.) LOTS 1-5 WILL DERIVE ACCESS ONTO THE PUBLIC ACCESS PLACE OF THE ADJOINING MAPLEWOOD FARMS (F-07-74). 29.) THERE IS AN EXISTING RESIDENCE WHICH IS TO REMAIN LOCATED ON BUILDABLE PRESERVATION PARCEL C.	FOR THE ABANDONMENT AND THE REVERSION OF THE RIGHT-OF-WAY OW 34.) A WAIVER PETITION (WP-07-78) TO WAIVE THE REQUIREMENTS TO SECTION.	ON 16.144(i) WHICH REQUIRE THE FINAL PLAN SUBMISSION T	O_BE_IN		
30.) THE SHARED SEPTIC SYSTEM IS SUBJECT TO HEALTH DEPARTMENT REQUIREMENTS AND ACCEPTANCE BY THE DEPARTMENT OF PUBLIC WORKS.	ACCORDANCE WITH THE APPROVED PRELIMINARY OR PRELIMINARY EQUIVAL CONDITION OF THE APPROVAL INCLUDED SUBMISSION AND APPROVAL OF PROVIDED HEREWITH AS SHEET 9 OF 9 AND APPROVED ON MAY 30, 200	LENT SKETCH PLAN WAS APPROVED ON FEBRUARY 23, 2007. A REVISED PERC CERTIFICATION PLAN TO THE HEALTH DEPAR	THE	**************************************	
	35.) THE FOREST CONSERVATION REQUIREMENTS FOR BULK PARCEL 'D' HAVE	NOT BEEN INCLUDED IN THIS PLAN. A WAIVER PETITION	•	* Alex Palls	
	(WP-07-106) TO SECTION 16.1200 WAS APPROVED ON JUNE 7, 2007 NON-BUILDABLE BULK PARCEL 'D' (3.28± AC.) UNTIL SUCH TIME THAT I	TO DEFER THE FOREST CONSERVATION OBLIGATION FOR	RIS	10	
	RESUBDIVIDED INTO BUILDABLE LOTS.	NITY CHAPEN CENTIA AREA TO MONE SUPERIOR ESCRETATION	I DADCEL A	LOT 7 GLENWOODS ESTATES	
APPROVED: DEPARTMENT OF PUBLIC WORKS	36.) A MAINTENANCE AGREEMENT FOR THE DRIVEWAY ACCESS TO THE COMMU- LOCATED ACROSS BUILDABLE PRESERVATION PARCEL C, NON-BUILDABLE RECORDED SIMULTANEOUSLY WITH THE PLAT.	NIT SMAKED SEPTIC AREA TO NON-BUILDABLE PRESERVATION BULK PARCEL D AND NON BUILDABLE PRESERVATION PARCEL	E SHALL BE	PLAT NO. 3496 ZONED RR-DEO	
	37.) BASED ON PERMIT WMA NO. 07-XP-0053 WITH TRACKING NO. 2007618: WITHIN A USE III WATERSHED IT IS NOT DEEMED A WET POND BY MDE A	35 AND LETTER DATED JUNE 12, 2007, ALTHOUGH THE POND) is located E use III	` >	
Willin T. Mul 1. 8-10-07	WITHIN A USE III WATERSHED IT IS NOT DEEMED A WET POND BY MUE A WATERS. MDE INDICATED THAT BASED ON THE DRAINAGE AREA AND HEI	CHT OF EMBANKMENT THE PROJECT QUALIFIES FOR EXEMPTION	N		
CHIEF, BUREAU OF HIGHWAYS ———————————————————————————————————					
1					

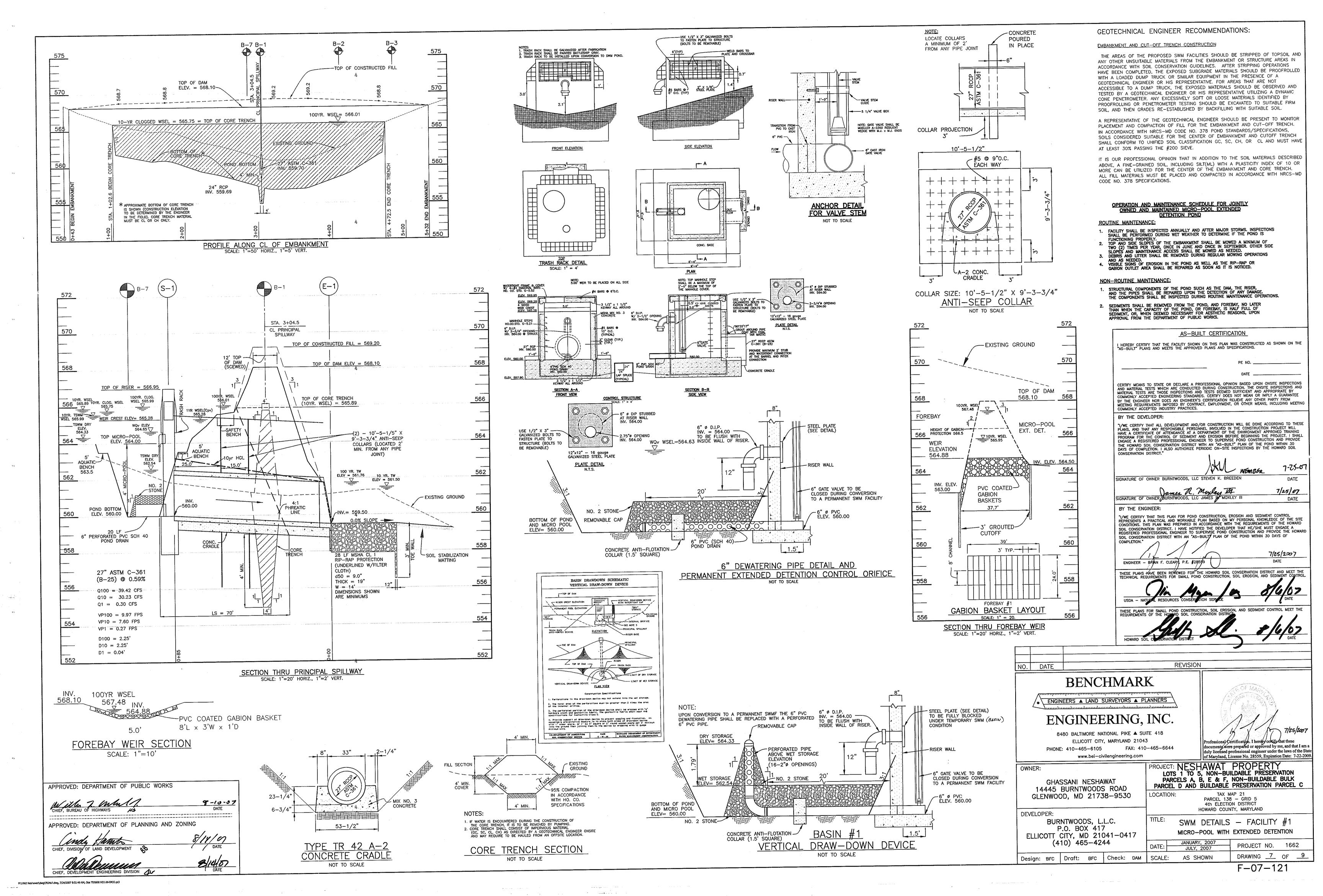


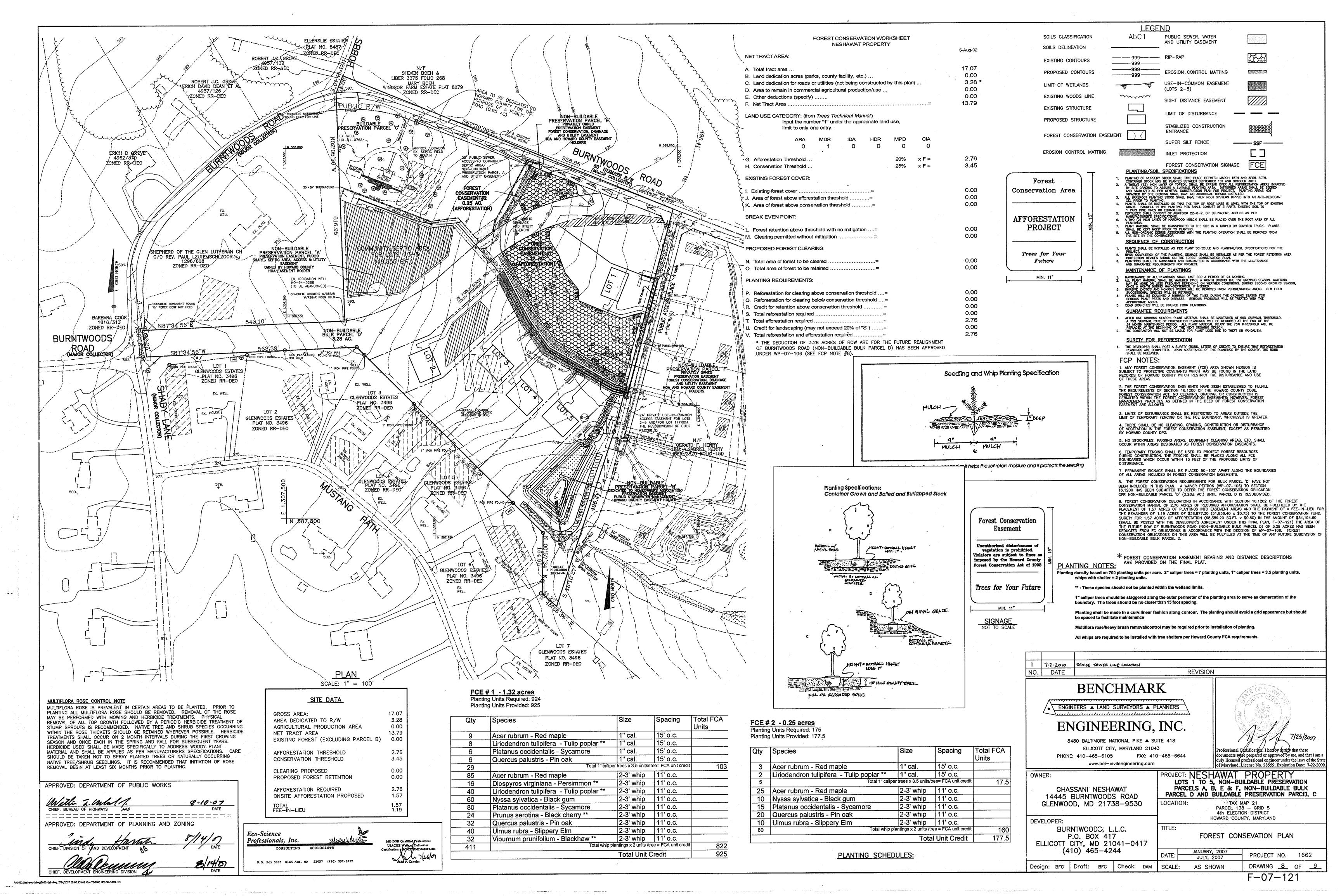


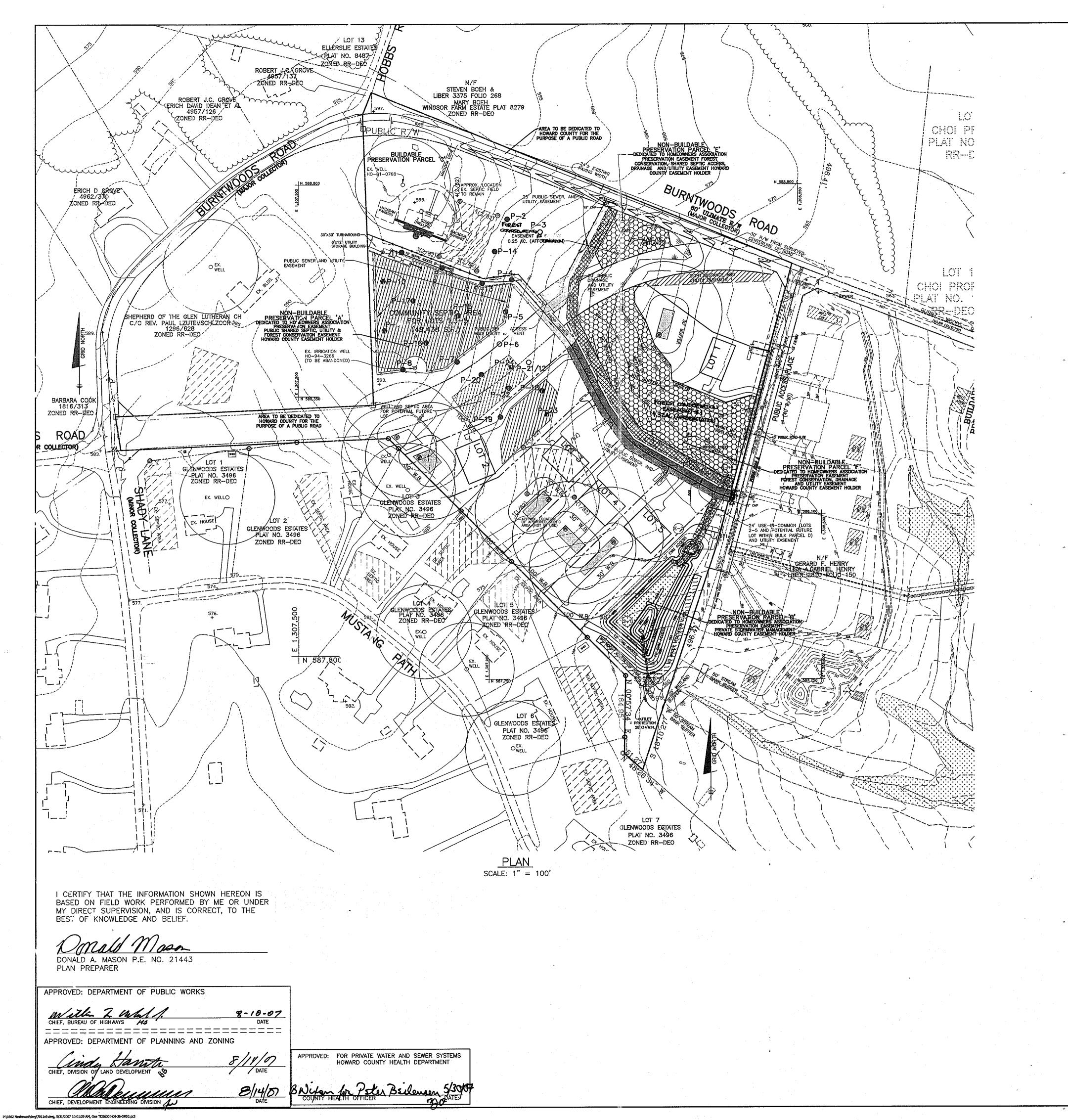










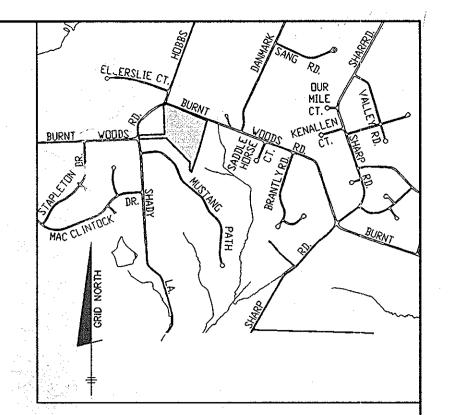


GENERAL NOTES

1.) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERS HIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

2.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT.
AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE
ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF
ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER
IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON
CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER
SHALL, HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT
INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED
SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.

- 3.) UNLESS OTHERWISE SHOWN NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
- 4.) EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
- 5.) TOPOGRAPHY SHOWN HEREON WAS PURCHASED FROM HOWARD COUNTY, GEOGRAPHICAL INFORMATION SYSTEMS BY BENCHMARK ENGINEERING, INC. AND FIELD VERIFIED.
- 6.) WELLS TO BE DRILLED PRIOR TO RECORD PLAT SUBMITTAL FOR SIGNATURE.
- 7.) PRIOR TO DRILLING OF THE WELLS FOR LOTS 3, 4 AND 5, THE WELL DRILLER SHALL CONTACT HOWARD COUNTY HEALTH DEPARTMENT TO SCHEDULE AN ON-SITE MEETING TO VERIFY THE LOCATION OF THE PROPOSED WELLS.



VICINITY MAP
SCALE: 1"=2000'

LEGEND

SOILS CLASSIFICATION

SOILS DELINEATION

EXISTING CONTOURS

PROPOSED CONTOURS

EXISTING WOODS LINE

PROPOSED WOODS LINE

PROPOSED STRUCTURE

EXISTING SEPTIC FIELD

PROPOSED SEPTIC FIELD

EXIST. PERCOLATION TEST (PASS)

EXIST. PERCOLATION TEST (FAIL)

PASSED PERC TEST DUG 8/23/03

P-99

FAILLED PERC DUG 8/23/03

PASSED PERC TEST DUG 10/14/03 P-99

SOILS LEGEND MAP SYMBOL SOIL TYPE MAPPING UNIT CHESTER SILT LOAM - 0 TO 3 PERCENT SLOPES CHESTER SILT LOAM - 3 TO 8 PERCENT SLOPES - MODERATELY ERODED COMUS SILT LOAM - LOCAL ALLUVIUM - 3 TO 8 PERCENT SLOPES GLENVILLE SILT LOAM - 3 TO 8 PERCENT SLOPES - MODERATELY ERODED SOILS MAP No. 13 7-2-2010 REVISE SEWER LINE LOCATION NO. DATE REVISION **BENCHMARK** ENGINEERS A LAND SURVEYORS A PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 FAX: 410-465-6644 www.bei-civilengineering.com

SCALE:

AS SHOWN

OWNER:

GHASSANI NESHAWAT
14445 BURNT WOODS ROAD
GLENWOOD, MD 21738-9530

DEVELOPER:

BURNTWOODS, L.L.C.
P.O. BOX 417

ELLICOTT CITY, MD 21041-0417
(410) 465-4244

PROJECT: NESHAWAT PROPERTY
LOTS 1 TO 5, NON-BUILDABLE PRESERVATION
PARCELS A, B, E & F, NON-BUILDABLE BULK
PARCEL D AND BUILDABLE PRESERVATION PARCEL C
LOCATION:

TAX MAP 21
PARCEL 138 - GRID 5
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE:

REVISED
PERCOLATION CERTIFICATION
PLAN

APRIL 2007

APRIL 2007

Design: BFC | Draft: BFC | Check: DAM

F-07-121

PROJECT NO. 1662